

FISHERY DIST

MISSOULA, MONTA V.

A FIVE-YEAR FISH DISTRIBUTION AND MANAGEMENT PLAN 1947 - 1951

HAMILTON HATCHERY DISTRICT - MONTANA

Ву

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Biologist
and
A. G. Stubblefield
Superintendent of Fisheries

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
REGION ONE
IN COOPERATION WITH
STATE OF MONTANA
FISH AND GAME DEPARTMENT

Approved by
A. G. Stubblefield
Montana State Superintendent of Fisheries
and
Montana State Fish and Game Commission

August 1947





FOREWORD

This is the second 5-year fish planting plan for the Hamilton Hatchery district. It is an extensive survey of the stream and lake resources within the district and has been prepared for the purpose of correlating the efforts of all agencies concerned. The material presented is not based on a detailed study but is a composite of information secured from hatchery men, forest officers and sportsmen having intimate knowledge of the areas. Its purpose is to record the available information and to focus attention on the problems.

The plan is designed to serve as a management plan and record of achievement for a 5-year period beginning with 1947. Since the entire output of the Hamilton Hatchery will be distributed in the area, the hatchery management problems will be greatly simplified. Revision will, undoubtedly, be necessary and your constructive criticism is solicited.

Since the plan has been examined and approved by the interested agencies, it is the sincere wish of this department that it be followed as closely as conditions will permit.

/s/ A. G. Stubblefield
A. G. STUBBLEFIELD
State Superintendent of Fisheries

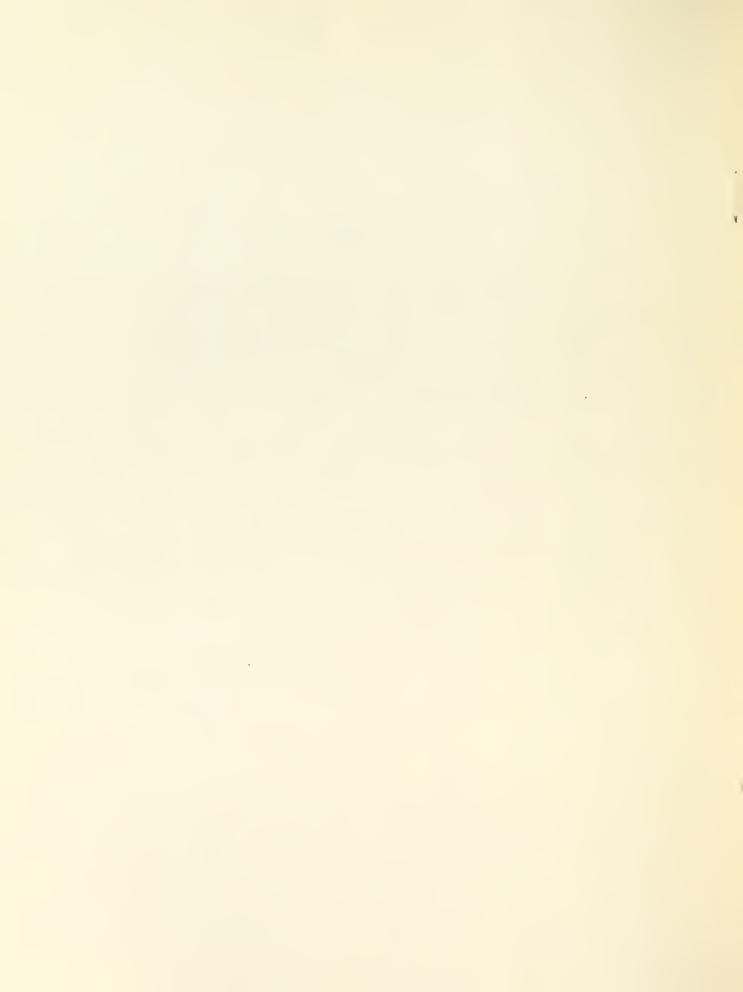
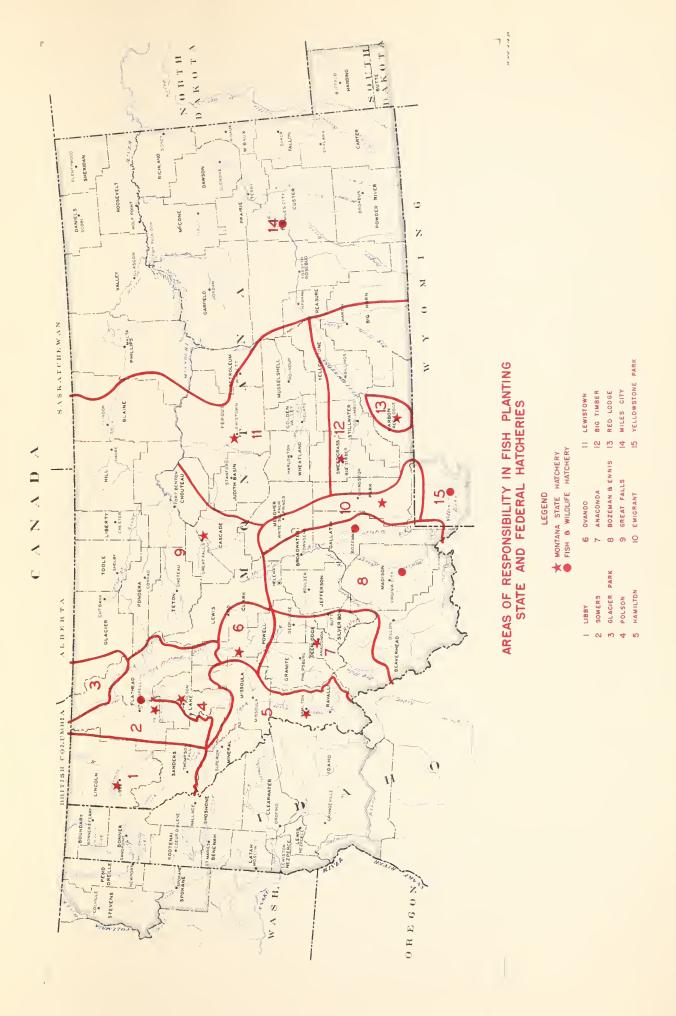


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SCOPE OF PLAN

The area covered by this management plan is the Clark Fork of the Columbia River drainage between the mouth of Rock Creek and the mouth of Flathead River; the Blackfoot drainage from its mouth to and including the Clearwater drainage, and the Bitterroot River drainage.

OBJECTIVES

- 1. To correlate the efforts of the various Rod and Gun Clubs, Montana Fish and Game Department, Fish and Wildlife Service and the Forest Service to prevent duplication in planting streams and lakes, and to minimize the mixing of fish species within the drainages.
- 2. To evaluate streams and lakes from a fish production standpoint and thereby formulate a more logical stocking policy.
- 3. To stock the streams and lakes consistent with use and demand.
- 4. To produce large-size fish for the stocking of the major drainages.
- 5. To secure maximum fish production at minimum cost.
- 6. To assemble all existing data in one place for ready reference by all interested agencies.

FISHERIES MANAGEMENT POLICY

During June 1941, a cooperative arrangement was made between the Montana Fish and Game Commission, the Fish and Wildlife Service and the U. S. Forest Service whereby the state superintendent of fisheries would act as coordinator in all fish planting work in Montana. Areas of responsibility for all the hatcheries in the state were outlined, as shown on the map. The preparation of detailed management plans for the individual district was then inaugurated in order to put the fish planting activities in the state on a systematic basis. The purpose of these districts and management plans is to prevent the confusion and duplication of effort inherent in a system where no clear-cut lines of responsibility exist.

FISH MANAGEMENT FACTORS

FISH HATCHERY

The entire area will be served by the Hamilton (Daly) State Fish Hatchery, located at Hamilton, Montana. The total production of this hatchery unit will be planted in this fish management district.

DETRIMENTAL FACTORS

The use of water for irrigation is a serious detrimental factor in the Bitterroot drainage. All of the major tributaries are used heavily for irrigation, and many of them are entirely dry in their lower reaches during the summer months. The loss of fish in the ditches and through the drying of the streams is a serious drain on the fish production. Industrial pollution from mining operations prevents maximum fish production in the Clark Fork drainage.

TRASH FISH

Suckers and squawfish are found throughout the entire district. Bass and perch are present in a number of lakes in which they are considered detrimental.

FISHING PRESSURE

The fishing pressure is almost uniformly heavy in the main drainages. The pressure is probably greatest on the Blackfoot drainage, with the Bitterroot and Clark Fork drainages following in the order listed.

TABULAR DATA

In order that the tables may be more easily understood the following information is presented.

CONVERSION FACTORS

The following tables refer generally to number $1\frac{1}{2}$ fingerlings. To find the relative number of 1", 2", 3", 4" or 6" fish, multiply by the following conversion factors:

Size	1	1½	2	3	4	6
Factor	4	1	0.565	0.33	0.25	0.2

ABBREVIATIONS

The following abbreviations have been used in the tables to indicate the various fish species:

RbRainbow	WfWhitefish
CtCutthroat or native	SSSilver salmon
EbEastern brook	SSuckers
LLLoch Leven	YrYearling fish
GrGrayling	

AVERAGE NUMBER OF FISH PER PICK-UP TRUCK LOAD

Average length	Average number	Average number of	Average number of
	of fish per	pounds of fish per	fish per pick-up
inches	pound	pick-up tank load	tank load
1	3,436	35	120,260
7 1	982	40	
1½	1		39,280
2	382	50	19,100
21/2	161	. 50	9,050
3~	100	60 to 70	6,000 - 7,000
31/2	62	70 to 80	4,370 - 4,960
4	42	80 to 100	3,360 - 4,200
42	30	80 to 100	2,400 - 3,000
5	22	. 80 to 100	1,760 - 2,200
53	16	80 to 100	1,280 - 1,600
6	12	80 to 100	960 - 1,200
$6\frac{1}{2}$	9 .	80 to 100	720 - 900
7	7	80 to 100	560 - 700
	*		

Summary of fish distribution by species and size for the Hamilton Hatchery district Table 1.

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					Inousand	sand Ilsh	De r	year			
Hanger district	Species	Size	1941	r-1	1942	1943	~	19	1944	1945	
			Needed Plant	ed Needed	Planted	Needed	Flanted	ieeded	Planted	Needed F1	anted
	a 4 annialin										
Clark Fork River drainage	£	Yr	13	18	w similar ballet	18		18		80	
between the mouth of Rock Cr.	5	<u>_</u>	228	214		233		211		231	
and the mouth of the Flathead	RD	\^ 	25	10		10		25	mp-mo 19 -4	0	
River	邑	Y.	10	10	papakengang	10	ger fiv. is glande	10,		10	
	GE GE	400	174			2		14		10	
	T		213	200		200		213		200	
Blackfoot River drainage from	Ç	Z.L	29	29		67		29		67	
its mouth to and including the	Ct	~!(C	110	110		110		110		110	
River	Rb	ïr	55	55	10 mm 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1	55	a delection	55		55	
Bitterroot River drainage	£	Yr.	07	717	- Constitution	07	:	7/1		07	
	Ct		290	280		275		265	Mary 1988 -1	280	
	Rb	Yr	26	26	er en i sena	26		26		26	
	Rb	400	117 117	12	. *	25		4		15	
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	LL	4103	150	150		150		150		150	
Totals	£	Yr,	125	129	A MARKAGA	125		129		125	
	Ct	니 네/Ji	628	709	anne sa see	618		586		621	
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	Rb	-1'CV	077	25		35		017		12,57	
	H,	Yr	14	14	Total	17	de vision i	77		77	
	연표	!(\)	774	TU		17		77	ere de entre en en	. 2	
	LL	-ila:	363	350		350		363		350	
Total all sizes		of a seast ratio	1,265	1,208		1,240	gradie is no co co colon compan	1,227	the second	1,221	
				The state of the s				The same to the sa			



Stocking plan for fish distribution in the Clark Fork River and tributary streams and lakes between the mouth of Rock Greek and the mouth of the Flathead River Table 2a.

		í			Little Comments (Little	-								
		Reco	Recommended	Idea	Sto	stocking		policy	3			Transportation plan	rtatio	n plan
	******			[]	Thousand		37	year	1r					
			1947	-	1948	1191	0	1950		1951		Pack	houling sto P	
Name of stream or lake	Syc- cies	Size	Needed	Planted Needed	Planted	Needed	Planted	Needed	Needed Planted	Planted	Truck to	cver trail	Miles pack trip	Flant
Clark Fork River	日日	-1100-100 -1-1-1-10	50	50	00	50		50	50	0.0	Frenchtown Alberton			Frenchtown slough Frotected places along
= =	터뉘		50	50	00	2,0		50	200	0.0	Superior St. Regis	ang resistanceardges (resistant a se	- 18 w/r - 18 m/r - 1	river do Between St. Regis and
Ninemile Gr.	면	, Yr	9	10	0	9		9	9	0	Ninemile R.S.	- sertundusthalhele s # et		itler,
Mill Cr.	ţ	٦١c	20			77	erall a spå ski sekka a same ankler i kræge Skinner	aa-a	ng 1	7	Frenchtown	kalada sakada sakad	el se subsente remit speciel e françaktek el	McCormick, Soldier and Burnt Fork Cr. For 6 mi. above first
Petty Cr.	ざ	? O	π/		- T-	10		70			Alberton			(-1
Fish Cr.	ささ	الم الحرار الم الحرار	702	Ň	20 4-	702		20 4-	702	4 0	End of road		· ng com liège de d'organ	Plant down to mouth Protected places in upper
S. Fk. Fish Cr.	ಕ	·	75		2	7	or the Mirrogenius of V	75		70	Given a second and	min P to habite		end Near end of rd.
n n che Cr.	t t	ار/سازر نسازر/سازر	NW		NY	NA	period 1 count (ACC ACC	Nu	10 to	10 r	Via Lolo R.S.	317	60	Stream along rd.
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ē) (V)	})	}) 1	})	:	*****		•
S. FK. Trout Cr. N. " " "	ささ	-in-in	20		N N	N N	and the same of th	N 10		N 10		Dèsili é - mar may magan		Stream crossings N. Fk. bridge
Oregon Gulch	ć	-102 -1	70	-	2	χ.)		2		2	Cedar Cr. rd.		**************************************	Oregon Cr. crossing and Aissoula Gulch
Cedar Cr.	Ct	-102 -1	2		25	117		2		2	der der			Powerhouse and Oregon
Dry Cr.	Ç	Ϋ́I	7		2	2		N		~	Dry Cr. game cabin			bridge Stream along rd.
				,						-				



Stocking plan for fish distribution in the Clark Fork River and tributary streams and lakes between the mouth of wheel River (cont.) Table 2a.

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				Tho	Thousand	rer	year					
			1947	1948	1797	6	1950	1951		Pack		
Name of stream or lake	Spe-	Size	Needed Planted	Needed	Planted	Plunted Weeded	Planted	Needed	Truck to	over trail no.	Wiles pack trip	Plant
Dry Cr.	£	~!\\ ~!	10	10	9		10	10	Ann arbor		a material designer and designer and designer.	Beaver dams
St. Regis River	t	Yr	10	₩	¢0	na manapagahan	60	to	St. Regis	ann air dean deireach a	new radio term	From St. Regis to
= =	Ct	-IN	12	72	72	15	5	H K	State line, Lookout	agentus y mis e no, priving h	nggi nggaggan a finang	Stream along rd.
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S. FK. Little Joe Cr.	5	4103	0	9	3) 	9	rorks of Joe Cr.	decode or or		Stream along rd. for 4
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Big Cr.	ct		10	10	130	170	0	10	Savenac			Stream along rd.
k. Bi	Ct	 	10	10	10		10	10	End E. Fk. rd.			Ome of the control of
	Ct		2	2	10		2	25.	End of I. Fk. rd.	2434	5	" trail
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Silver Cr.	Ct	-i (\cdot)	10	2	10		0	107	Saltese			Mouth of Sunday Cr. and
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W. Fk. Packer Cr.	Ct	-1103-	50	2	100	- Nasad Nasharipus sur er	5	10	← 6			am crossing on r
	5	103	5	47	5	н и Паверу	(A)	2			- vir taped	indicated and a second a second and a second and a second and a second and a second a second and
Twelve Mile Cr.	t	Yr	N	N	2		N	N	Cabin City		har militarilar i mate	Between Cabin City and
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Rock Cr.	3	-10	2	2	2		V 1	2	=======================================			And of Rock Cr. rd.
Flatrock Cr.	5	-10	15	2	70		-	5	Fouth Flatrock Cr.		the did a seem	Stream along trail
E. Fk. Twelve Wile Cr.		~-!n	1	140	15		2	150	Cabin City	makana saki i i	guyê entişehi esel	11 LQ.
Tamarac Cr.	ct	H(0)	10	2	2		2	2	St. Regis			Beaver dams at Burnt
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Stocking plan for fish distribution in the Clark Fork River and tributary streams and lakes between the mouth of Rock Creek and the mouth of the Flathead River (cont.) Table 2a.

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				Name of stream	or lake			Surveyor Lake	Cedar Log Lakes (2)	Dalton Lake	Heart Lake	Pearl Lake	Hoodoo Lake	Trail Cr. Lake	Oregon Lakes (3)	Bonanza Lakes (2)	Cliff Lake	Moore Lake		Lenore Lake		Square Lake	Hazel Lake	Hub Lake	Crystal Lake	W. Fk. Big Cr. Lake	ver	St. Regis Lakes (2)	Grand Color State of Color of



Stocking plan for fish distribution in the Blackfoot River and tributary streams and lakes from its mouth to and including the Clearwater drainage Table 2b.

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	The state of the s	יונים ביים	יים ביים וויים ביים	- 1.	2000		POTTCY	3		ŢŢ	Iransportation plan	acton	plan
		· 0.2 m/d		G-	Thousand		per year	ar					
			1947		1943	1949	1950		1951		Pack		
Name of stream or lake	Spe- cies	Size	Needed Planted	The second secon	Planted	Needed Planted	babaali	Planted	Needed Planted	Truck to	over trail no.	Wiles pack trip	Plant
Blackfoot, Biver		Ϋ́	7.5	7,		7.	rt rt	4	7,	Blackfoot Biver			Between Bonner and Owando
Gold Cr.	Ct	Yr	\~	100		100	101		100	Ranger station	malaren i Mano i i		Stream crossing and below
gua pro	S	-10	10	10		10	20		10	=	518	4	-
W. Fk. Gold Cr.	Ct	r-1 r-1	10	10		10	2		01	Grand American	52	2	gare e des
Clearwater River		j-	ķ :	*		*	K		k		Berner - When		
Placid Cr.	Ct.	40%	07	0		0	0		0	Placid Station			Flacid Cr. rearing pond
Boles Cr.	Ct	-101	7			70	7	No. 17 11 11 11 11 11 11 11 11 11 11 11 11	5	des	52	to	am
Deer Cr.	Ct	-1°	15	125		15	13	1-7	15	Mouth Deer Cr.	4		" crossings on west
	diagnaphy s and			un de se	make days and	rer i Tabahan		nde mine					side rd. and Deer Cr. rd.
W. Fk. Clearwater River	5	757	10	9	The abbonic de-sir his	07	9	o disc. comme	음	Clearwater rd.			Stream crossings
A) [[Susas]		~-!\	7		- am m	η	70		77	ת ביי ביי ביי ביי ביי ביי ביי ביי ביי בי	70%	1,	Stream along trail
	Ct		101	19		10	2		10	Junction Colt Cr. trail		7	" Crossings
Findell Cr.	ct		2	7	and one or a	5	K)		2	Alva Lake			=
Morrell Cr.	Ct	H(0)	10	70		10	9		10	Lower end trail 30 on	30	70	" along trail
	ndinore traphs	nor to	ngertent ver so		nie ne neue no					Cottonwood rd.			
Trail Cr.	Ct	r=1(C)	5	351	100	7	2		5	do	30-416	9	(juin) Anne State State State
Placid Lake	Ct	Yr	20	20		20	20		20	Flacid Lake			Plant by boat
Guard Lake	t	-10	2		a an groto	2			2	" Station	No trail	17 7	Lakeshore
Elsina Lake	t	<u>–</u>	10	10		10	10	<u> </u>	10	Elsina Lake			Qual Mar
Seeley Lake	Ct	17	75	15	10	151	75		5	Seeley Lake R.S.			Plant by boat
Warshall Lake	t	Z.	2	1	10	5	2		5	Warshall Lake			Lakeshore
Lake Inez	t	Yr	70	7		10	2		2	Roskie's home			Flant by boat
Lake Alva	Ct	77	10	7		10	10		10	Mason's home			1
Rainy Lake	Ct	Yr	<u> </u>	5	10	3	3	e - romeno	2	Rainy Lake	w11		Lakeshore
Morrell Lake	Ct			···			2		obstanti de ca	Lower end of trail 30	30	0	
				-	-					on Cottonwood rd.			

*Plant in lakes only.



Stocking plan for fish distribution in the Bitterroot River and its tributary streams and lakes Table 2c.

ancast of the major	TI SIIS DOI 630 TOIL DESII	Pack	over Miles trail pack no. trip	Between Darby and Forks Hamilton	In sloughs near	Sloughs near Stevensville	4 mi. above Willer Gr.	Stream crossing above	Above and below for 1 mi.	Down for 3 mi.	For 2 mi. above	0.010	above Corley Ranch	month	Plant down for 5 mi.	Below mouth of Daly Gr.	5 mi. of stream along rd.	Stream along rd.		Child date	Below Hot Springs for 6	MI. Liest Profes means Of	der out op, w		
7.6.4	11.01	ji,	Truck to	Darby Mouth of Sleeping	Stevensville	=		Miller Cr. R.S.	" Sluice Cr	lar	1 mi. above R.S.	Corley Ranch		erren vale	Since	Wouth of Daly Cr.	Black Bear Camp-Daly Cr.	S. Fk. Skalkaho Cr.	Black Bear R.S.	Bro Basi	Sleeping Child Hot	Springs		Collina	
7.7	2	1951	Planted Needed Planted	99		000	50	ちょ	140	70	1	7	, L	1	75	9	N	N	20	10	9	<u></u>	7 ~	7	
	4 24	949 11950	Needed	99	-	100	20	to a specific property of the state of the s	e distance (see	2	10		7			9			2	2	9	C			
50 -200	740000	1948 19	Needed Planted	9 9		001	50		1 10		engle die tee	7			15	9		2	4/	10	9				
Rocommonded	ICLINCO.	947 19	Planted Needed	9 9	7	0	50			41		7			15		C/3	~	41	4				· · · · ·	
Racom			Size Needed	Yr 6	Yr 4	13 100	L3 50	100ml	7-10	7-10;	103	Yr 7	77	in the state of th	13 15	- Marian	Yr	Kr 2	اران دران		Yr (12 17	7	_
			Spe-	Rb Rb	Rb	日		<u> </u>	- married a dela		5	or rough and relative to	<u>+</u>	a consiguence de	Ct		Ct	Ct	Ct	t	Ct	<u>:</u>			-
			Name of stream or lake	Bitterroot River "	State of the state	600 600		Willer Cr. Holloman Cr.	Eightmile Cr.	Threemile Cr.		Burnt Fork Cr.	÷		Willow Cr.	Skalkaho Cr.	Daly Cr.	Fk. Skalkaho Cr.	Railroad Cr.	Weasel Cr.	Sleeping Child Cr.	=	F), D:++		



Table 2c. Stocking plan for fish distribution in the Bitterroot River and its tributary streams and lakes (cont.)

	-	30.00			100+0	- 1					5	-1	
	-	1100	recommended		STOCKLIES	- 0	DOTTON	فر	1).J T	Trailsportation	S C T OF I	prafi
		g. 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	1947		Thousand T946	194.9 11	r year	2	1951		Pack		
Name of stream or lake	Spe- cies	Size	рәрәәм	DOGITATI	Planted	Needed Needed	Meeded	Planted Meeded	Planted	Truck to		Miles pack trip	Plant
E. Fk. Bitterroot River	ಕ	Yr	~			~~~	~	~~		Jennings Camp		a (arthurgungungungungungungungungungungungungung	Jennings Camp to E. Fk.
do do	###		500	77		15	15	15		E. FK. R.S.	33	9 -	Stream along trail
Moose Cr.	3 2	 	70	novem de transférence als, des		0	ober 1 - Trident Street		to per crede		168		45
Meadow Cr.	Ct		10				10			Head of Meadow Cr. rd.		gent to the a route	At the meadows
Reimel Cr.	ct	}_:!∩?,	2	5		2	50	7		Sula R.S.			ρū
	Ct	-: 03	10	10	miner 1110 1	0		2		Medicine Hot Springs	103	9	
W. Fk. Bitterroot River	ئ	Y.	7	7	alle i alle alle alle alle alle alle all	7	7	**	and the state of the state of	Conner Bridge	on any anti-desired suppliers of the sup		Between Conner Bridge and Lest Fork R.S.
do	Ç	Yr	N	N		2	~	~		West Fork R.S.		remagni I I - 47.	Between West Fork R.S.
,	Č	17				pro 194							and take
G 0	£ £	S4 ~1	200	-2 0	make to the	7	40	77		Fainted Rocks Lake	marada wa		In take and up to Alta Near month of Reaver Cr
Overwich Gr	3 2	()~ (207	200	nga yerina a) C	3 5	2 -		Find of Overwich rd	73	rt	Stream along trail
Hughes Cr.	Ct.	V-10	20	20 1		2 0	20	20		i =)	\	
	ct	⊹- ∩ 	15	15		5	15	75		Cooper Ranch	estato e finale e		Since plant Since
Deer Cr.	Ct			7		man que ajor es		15		Trail 106 on state	106-139	9	" trail
		-				((1	00 00 00 00 00 00 00 00 00 00 00 00 00
Chicken Cr.	5	+!cv 1				0					770	^	
Nezperce Ur.) t)	X.	7	7		7	77	7		Nezperce Ur. rd.			Along rd. to mouth of Sheenhead Gr.
Boulder Cr.	Ct	40	- 2	7		2	7.	7		End of rd.	**************************************	- age - d- d- t-1	Stream along rd.
Tin Cup Cr.	Ct	<u>ال</u> ٢-١١٠	101	10		10	10	10		Bridge on Tin Cup Cr.			u crossing
Lick Cr.	Ct	!\\ !\\	~			(C)		~		End of Lick Cr. rd.		the residue to	" along rd.
	* ******					mandan orașe ma	****			via Lake Como		do militare e o	
Lost Horse Cr.	Ct	Yr	2	~		~	~	N		Ohio Slide	market		dina hase dina dina dina dina
direction of the state of the s	t	-10	20	20		20	20	20		Forks of the rd.	ne vin visor i	ter spe-off title	Bridge below forks
Camas Cr.	Rb	<u> </u>	10	10		10.	10	170		Jim McCrossen Ranch			Stream on ranch
	:	?					:		6-				

		· ·	

Stocking plan for fish distribution in the Bitterroot River and its tributary streams and lakes (cont.) Table 2c.

		3008	Sormo	Pho	Becommended stocking	+00	rin.	1	no i loa	14		01 S. L.	Transparantation	-	7 37
					E			4		-		1	100	ļ.	
				- [Tho	00	- 1	BI	100				meet A.A		
			351	125	1948		191	13 11950	950		1951		Pack		
Name of stream or lake	Spe-	Size	Needed	Planted	Needed	Planted	Needed	Planted	Needed Planted	Needed	Planted	Truck to		Wiles pack trip	Plant
THE POWER OF THE P	t	[1			14				-			The Translation of the Translati			
ried barror.	٥	C? 			7					* to 100,000		J			
t c	Č	_	-		(Mar-11 (A-60)	(t o		decentation of	60 Gr
	5	-!?? - - - - - - - - - - - - - - - - - - -	7		9	gitadigas relgan	2		2	7	7	End of Bear Cr. rd.			= ;
Lolo Cr.	t	Y.	7		7		7			7	}	Lolo R.S.			Above and below R.S.
Mill Cr.	Ct	~100 H	m		equivalent retire		~	10- 9000	re-to-tude	~	~	End of Mill Cr. rd.			Stream along rd.
E. Fk. Lolo Cr.	Çţ	<u>اران</u>	9	- 20 c 4	10		101	1	10	H	0	Mouth of E. Fk. Lolo	301	7	
		!			man a s t off diagra.	air na Mair				80-0 - udu		Cr.			
Lost Park Cr.	3	~!C			~				۲,			E. Fk. Lolo Cr.		was do-	n rd.
FK TOTO Cr.	7	(m-4)(7	the same and	1 14		π.		, rc		7	11		1 80000	=======================================
\$ C C	t	\}{	\		10	•~	\			,	<u> </u>	11 4 CT TO	Both d		11
· Jo par	ے ک	CZ			<u> </u>			a prigon con	^	-disen es ege		off Off 16	y depote mu	- Adamb	
		-		w · · ·	# - n#			i ligar sanker	300-700	-0 (++			-	`	
Granite Cr.	ct	122	5		5	o whom	5		5		17	Bridge on Fish Cr. rd.	313	9	" trail
N. Fk. Granite Cr.	Ct				3				3				313	9	Grand
Howard Cr.	Ct) 	3		al	Service on a	3		3		~	Lolo R.S.	304	7	Since Since
Graves Cr.	Ct	اسار	~			alam ta sils	~				m	Graves Cr. rd.			H H rd.
	ť	ا مدا رامازا	1	otto i base	CC		٠		~				307	N	" trail
Kids' Fish Fond	विच	Yr	7	and once the	t-1	gler realizer to an	7		1 - 7		7				Plant before season and
							•								during summer
Glesson Lake	Ct	-10	17.	ereter de ace		Marie and		and the same	-bribero - con			End of Willow Cr. rd.	1717	10	Lake shore
Twin Lakes (2)	ct	Yr							17			Twin Lakes			11
Blodgett Lake	Çt	<u>سا</u>	2	of a see to	dentities			Arrigan		alate errort		Mouth of Canyon Cr.	19	12	
Big Cr. Lakes	Ct). 			75	The second second			5			Curlew Wine	r-1	10	11
S. FK. Lolo Lake	tt	:-:: -::-:::::::::::::::::::::::::::::	7						2			End of Bass Cr. rd.	7	22	Garage Control
erso	Rb	ار ا	dr. nemme				7				p===1+1+1	" " Sweeney Cr. rd	93	101	11
Duffy Lake	Ro	?- ¹?\ ├				****	2	~				One	193	10:	Story (c)-s
Holloway Lake	Ro	;-!C				***	2	P. P. C. W.				Create Cr	83	10.	=======================================
One Horse Lakes (3)		<u></u>	4 -4 part		2		,	Market State on the			2	" " One Horse rd.	112	10	die ter
eton Lakes (13pm;[]	15		\			#*****************************	۲.			" " Mechain Cr. rd.	26	10	
										-	1	1			



Management data on streams recommended for planting in the Clark Fork drainage between the mouth of Rock Creek and the mouth of the Flathead River Table 3a.

	Miles	Width	Number	Width Number Temperature	Food	Amount	Species	List barriers in
Name of stream	fishing	in	tribu-	degrees	condi-	of	fish	stream or rearing pond
	water	reet	taries	Fahrenheit*	tion	fishing**	present	ilities
	r			-	,	de la companya de la		1 '
ctark fork miver	740	200	43		good	heavy	Ct, Kb, Eb, LL, DV, S,	35' dam at Bonner
Ninemile Cr.	25	35	20		=	gion Gan	Ct. Bb. Eb.	Some placer mining
Ch	2	1 (10	ı	gen en reit vill	me di 11m	=		Tryigation on lower end
Petty Cr.	2	0	0		11	gain gas	Ct. Rb	Dry for 5 mi. in summer
Fish Cr.	2	30	~ ~	and a signer of a common of the common of th	pood	medium	Ct. Rb. DV	
S. FK. Fish Cr.	12) H		and the)) = 0		Ct. Rb. DV	=
Cache Cr.	. 0	10	· CZ			light	Ct	Store China
	1.5	25	9		=	heavy	Ct.Rb.Eb.DV	11 11
S. Fk. Trout Cr.	7	. 00	N	erec upo a gran	=	, 11	Ct, Rb, Eb, DV	
Ξ	· M	9	8	- April	-	none	none	30' falls 1 mi. from mouth
Oregon Gulch	12	12		es relevan	=	medium	Ct, Rb, Eb	
Cedar Cr.	13	15	~	4	=		Ct, Rb, Eb	Some mining operations
Dry Cr.	12	භ	+7	to man galleri			Ct, Rb, Eb	
St. Regis River	35	15	20	tankumugka tu	fair	very heavy	Ct, Rb, DV, Eb, S, Wf,	Beaver dams
			ille - i - riberdo	der obstan			Squaw	
S. Fk. Little Joe Cr.	6	00	~	- Codes -	good	heavy	Ct, DV	dino dua dua dino dino dino dino dino dino dino dino
der con de con d	10	2	nic vinance	er e sedicion	=	medium	Ct, DV	=
Big Cr.	3	12	~		=	heavy	Eb, Ct, Rb, DV	
K. B.	2	9	rt	and and an	dies des	Simple Colored	Ct, DV, Eb	
Mid. Fk. Big Cr.	5	∞			-	medium	Ct, DV, Eb	6m 1m 8m 8m
don don don	5	₩	~			gen den	Ct, DV, Eb	Since and discontinuous
Silver Cr.	2	9	<u></u>	o es relario	B-TO	- Ones	Ct, DV, Eb	der-
W. Fk. Facker Cr.	~	9		marke unique	gan.	·	Ct	
11	~	2	-	n voje nikovo	=	ghid tree	Ct	
Twelve Mile Cr.	П	12	4		Green Company	heavy	Ct, Rb, DV	
Rock Cr.	5	17,	graph and		dan um	medium	Ct	
Flat Rock Cr.	10	9	2		0	Barri Bala	Ct	
E. Fk. Twelve Mile Cr.	3	2		of rive dities.	Om.	Prima Option	C+	
Tamarac Cr.	7	00	3		=	heavy	Ct, Eb	
*Temperatures during	July and August	d Augus	st to be	entered as records become	records		available.	

**Light fishing, 0-300 man-days' use; medium fishing, 300-1000 man-days' use; heavy fishing, 1000-3000 man-days' use; very heavy fishing, more than 3000 man-days' use.



Management data on streams recommended for planting in the Blackfoot River drainage from its mouth to and including the Clearwater drainage Table 3b.

	Wiles	Width	Number	Wiles Width Number Temperature Food	Food	Amount	Species	List barriers in
Name of stream	fishing	in	tribu-	degrees	condi-	O.f.	fish	stream or rearing pond
	water	feet	taries	taries Fahrenheit*	tion	fishing**	present	possibilities
Blackfoot River	36	120	10	90	good	heavy	Ct, Rb, DV, S, Squaw, Wf,	Ct, Rb, DV, S, Squaw, Wf, Dam at lower end at Bonner
						***************************************	Bass, Perch	
Gold Cr.	17	30	N		=	•	Ct, DV	Falls 12 mi. from mouth
W. Fk. Gold Cr.	2	12			==	light	Ct, DV	
Clearwater River	35	30	22		=	heavy	Wf, DV, Squaw,	Chain of lakes on channel -
					*****		S, Bass, Perch	no barriers
Placid Cr.	H	15	9		=	none	Ct, Rb, Wf, S, Squaw, DV	Closed to fishing
Boles Cr.	TI	10			=	medium	Ct. Rb. Wf, DV, Squaw, S	
Deer Cr.	€	15	~		==	@ne herd	Ct, Rb, DV	
W. Fk. Clearwater	11	20	~		==	none	Ct, Rb, DV	Closed to fishing
River						The state of the s		ı
Warshall Cr.	7	10			==	dam gas	Ct, Rb, DV, S, Squaw	gas no das das
Colt Cr.	N	కు			22	medium	Ct, Rb, DV	Rearing pond $1\frac{1}{4}$ mi. from
			ungelenskenige.	- Alexander		penhas ante as		mouth
Findell Cr.	m	9				dam Nov	Ct, Rb, DV	
Morrell Cr.	13	18	er rendement e e		=	heavy	Ct, Rb, DV	Falls 10 mi. above mouth
Trail Cr.	2	10	~		==	none	Ct, Rb, DV	Closed to fishing
				The state of the second st				

*Temperatures during July and August to be entered as records become available. **Light fishing, 0-300 man-days' use; medium fishing, 30C-1000 man-days' use; heavy fishing, 1000-3000 man-days' use; very heavy fishing, more than 3000 man-days' use.



Management data on streams recommended for planting in the Bitterroot River drainage Table 3c.

	Miles	Wiath		Temperature	Food	Amount	Species	List barriers in
Name of stream	fishing	in	tribu-	degrees	condi-	Jo	fish	stream or rearing pond
	water	feet	taries	Fahrenheit*	tion	fishing**	present	possibilities
Bitterroot River	73	175	53		medium heavy	heavy	Eb, DV, Wf, S,	Many irrigation diversions
					en december o con		Squaw	
Miller Cr.	777	9	<u>بر</u>		good		Çţ.	Lower 4 mi. dry - closed to fishing after July 6
Holloman Cr.	8	2			medium light	light	Ct.	
dightmile Cr.	177	10	σ		dinas	heavy	Ct	Lower 5 mi. used for
Threemile Cr.	20	00	~		ga na paga antonon		Ct	do
Ambrose Cr.		7	Н		poor	=	Ct	Lower 3 mi. used for irrigation
Burnt Fork	30	8	H		good	=	Rb, Ct	Lower 11 mi. used for
	de arrestore				pr			
Willow Cr.	22	유	2		medium	dies 1-0	Ct,Rb,Eb	Lower 5 mi. used for irrigation
Skalkaho Cr.	15	50	2	**************************************	=	=	Ct, Rb, Eb, DV	op
Daly Cr.	77	15	Μ	**(#¢	good	=	Ct, Rb, Eb, DV	
S. Fk. Skalkaho Cr.	10	12	m		=	medium	Ct, Rb, Eb, DV	
Railroad Cr.	50	10 H			medium none	none	Ct, DV	
Sleening Child Cr.	2%	2		ved date	8000	heavv	Ct. Rb. Eb. DV	
E. Fk. Bitterroot	37	07	26		=	=	Ct, Rb, Eb, Wf, Squaw, S	Ct, Rb, Eb, Wf, Squaw, S Several irrigation canals
Martin Cr.		Ó		en de la companya de	=	medium	Ct	
Moose Cr.	10	12	77	and and all a	=	heavv	Ct. Rb	
Meadow Cr.	10	00	2	n vega mek	=	medium	Ċţ,	Beaver dams
Reimel Cr.	7	60		are, Indo	=	=	Ct	
Warm Springs Cr.	H	15	6		=	=	Ct	
W. Fk. Bitterroot	45	50	26	ner enerthe el	=	heavy	Ct, Rb, Eb, Wf, S, DV,	W. Fk. dam 23 mi. from
River			The same is granted as a second		wal with war		Squaw	
				* * 1- ****				Buck to Ditch Cr., many
								dams upper 12 mi.
*Temperatures during July and August to be entered as records become available.	July and	1 Augus	st to be	entered as	records	become av		

*Temperatures during July and August to be entered as records become available.
**Light fishing, 0-300 man-days' use; medium fishing, 300-1000 man-days' use; heavy fishing, 1000-3000 man-days' use;
very heavy fishing, more than 3000 man-days' use.



Table 3c. Management data on streams recommended for planting in the Bitterroot River drainage (cont.)

	S.G.T. F.I.	Ti dth	Lidth Mumber	Temneratural	Food	Amount	Sherines	Liet hannians in
Name of stream	fishing	. t				- F) 	of wood on woods and
ivalité or sorealit		feet		Fahrenheit*	tion	fishing**	present	suredm or rearing pome rossibilities
Overwich Cr.	19	30	2	Λ	very	light	Rb,Ct	75' falls 14 mi. from
								mouth - many beaver dams
Hughes Cr.	18	20	7	5.0	good	medium	Ct, Rb	,
Beaver Cr.	5	15					Ct, Eb	Many beaver dams
Deer Cr.	174	7		compleme and the	=	none	Ct, ED	=======================================
Chicken Cr.	₩	00				gine one	Ct, Eb	=======================================
Nezperce Cr.	20	15	7	W	medium light		Ct, Rb, Eb	Grand State
Boulder Cr.	11	15		Andrew States	=	ш	Ct, Rb, Eb, DV	Falls 4 mi. from mouth
Tin Cup Cr.	1.7	25		₽0	good	heavy	Eb, Ct, DV, Rb	Reservoir on head of stream
	erige vallender							overstocked
Lick Cr.	9	5		-	gra ma	none	Ct	Lower 2 mi. used for
								irrigation
Lost Horse Cr.	50	25	m	phone to v	### **********************************	heavy	Ct, Rb	Large irrigation dam 5 mi.
								Iron mouth
Cr.	రు	15		n der ver ver	autoria	medium	Ct, Rb, Eb	
Fred Burr Cr.	24	10	-			light	Rb	Beaver dam 8 mi. from mouth
Bear Cr.	30	15	N	0.1	poor	heavy	Eb, Ct, Rb	Falls 9 mi. from mouth
Lolo Cr.	30	18	20	80	good	=	Ct, Rb, Eb, DV, Wf, S,	Irrigation on lower end
Mill Cr.	7	7				none	Ct. Eb. Rb. DV	00 00 00 00 00 00 00 00 00 00 00 00 00
E. Fk. Lolo Cr.	6	10	2			nm	Ct, DV	
Lost Park Cr.	m	2		-Appellar April	=	light	Ct, DV	
W. Fk. Lolo Cr.	9	7	Н		ger em	medium	Ct, DV	
Lee Cr.	7	77			=	light	Ct, DV	
Granite Cr.	రు	7		an in dealle der	=	medium	Ct, DV	
N. Fk. Granite Cr.	Μ	9		Application of the second	der en	light	Ct, DV	
Howard Cr.	9 .	1	N		=	=	Ct, DV	
Graves Cr.	9	7			gen gen	gro- one	Ct, DV	
Bear Cr.	9	4			dien pain	none	Ct, DV	
					-			Target Removement of the contract of the contr

**Light fishing, 0-300 man-days' use; medium fishing, 300-1000 man-days' use; heavy fishing, 1000-3000 man-days' use; very heavy fishing, more than 3000 man-days' use. *Temperatures during July and August to be entered as records become available.



Management data on lakes recommended for planting in the Clark Fork drainage between the mouth of Rock Creek and the mouth of the Flathead River Table 4a.

-	- 1			-	-	-		to the same of the
Acre-	-lature	Food	Species	rercent of rercent of area under	rercent of	Amount of	rercent of rercent of Amount of Frincipal type area under area over vereta- of shore line -	
age of	degrees	condition		30 feet	100 feet	tion	tion mud, gravei,	Drains into
	[1]		present	in depth	in depth	present	rock, etc.	der gemeine mit der der der der meter einer der der der der der der der der der d
	ettadin tural							
30		medium	Rb	50	- 1	medium	rock, mud	S. Fk. Fish Cr.
15	enterenteringe e	=	田	07	-	=	=	Cedar Log Cr.
25		ine ber	none	10	10	small	" gravel	N. Fk. Fish Cr.
15	Marie Marie de	=	II	10	10	=	=	S. Fk. Trout Cr.
12		-	TI	10	10	eneral de constitución de cons	green dame	
15	eprodes val	good	Eb	10	10	medium	" mud, gravel Lake Cr.	Lake Cr.
2	· · · · · · · · · · · · · · · · · · ·	-	GE GE	0.7		large	mud, gravel	Trail Cr.
20	northine algorithms and the second	=	연표	10	10	medium	rock	Oregon Gulch
15		medium	dE de	10	10	to de	1 dec	Bonanza Cr.
9	g ten manter desse à	good	Rb	50		large	gravel, rock	Dry Cr.
5			Ct	10		Gran Gran	rock, mud	S. Fk. Little Joe
	Same con	and the second				0-0-0		Cr.
4	, denotesidas, c	=	Ct	50			Ginet Option Ginetal Change	Two Mile Cr.
2			Ct	09		The second	=	Ward Cr.
10		direct speed	Ç	20		god god	=	gen sev
5	e e e e e e e e e e e e e e e e e e e		ct	20		-	=	94 64 44
15			Rb, Eb	50	arr rusting	medium	=	Deer Cr.
7		fair	none	09		large	=	W. Fk. Big Cr.
25		medium	Rb, Eb	077		medium	=	Silver Cr.
12	describe de ser	=	Ct	50		Emile Orbin	= =	St. Regis River



Management data on lakes recommended for planting in the Blackfoot drainage from its mouth to and including the Clearwater drainage Table 4b.

		Temper-			Percent of	Percent of	Amount of	Percent of Percent of Amount of Principal type	
	Acre-	ature	Food	Species	area under area over	area over	vegeta-	of shore line -	
Name of lake	age	es	condition	fish	30 feet	100 feet	tion	mud, gravel,	Drains into
		Į.		present	in depth	in depth	present	rock, etc.	
Placid Lake	1500		good	Ct,Rb,	30	30	large	mud, gravel	Placid Cr.
		o dellarge e		Gr,S,					
				Squam					
Guard Lake	15		=	none	100		Carlo	=======================================	
Elsina Lake	15		See good	Ct	100		gines game	" " rock	ton out
Seeley Lake	1300	of tenthology	-	Ct, Rb, Wf,	25	35	dan dan	gree door	Clearwater River
				Bass, S,	der der der gebonen				
				rerch,					
	((mile)	C 100 100 100 100 100 100 100 100 100 10	Č	C	-	=	(a)
Marshall Lake	T20			Sansw	52	ZC CC			Marshall Cr.
Ton They	600		david district	Ct. Bh Mf	Ç	C	(total	=	Clearmater Biver
)			Bass, S,		†			
				Perch,					
				Squaw					
Lake Alva	200	ne stroke federal	gene diese	Ct, Rb, Wf,	07	07	glass pass	grani allow Glora Glora	<u>*</u>
				Perch,	all film surd a				
		andre ser cell-		Squaw					
Rainy Lake	150		(a)	Ct, Rb, DV,	07			=	
				(Se III					
				Dass,					
				Ferch,					160 480
مام آ المسمأ	CC		-	Squaw	76		Garage Control	=	مي [[كممي
MOIICI PANC	77			، مر و مان					MOITETT OI



Table 4c. Management data on lakes recommended for planting in the Bitterroot drainage

Drains into	Willow Cr. Lost Horse Cr. Blodgett Cr. Sig Cr. S. Fk. Lolo Cr.	One Horse Cr.
Percent of Percent of Amount of Frincipal type area under area over vegeta- of shore line-30 feet tion mud, gravel, in depth present rock, etc.	mud " gravel gravel, rock rock, gravel " " """d	n n In Inud rock
Amount of vegeta- tion present	large " medium "	small medium
Percent of area over 100 feet in depth	50	25
Percent of Percent of area under area over 30 feet 100 feet in depth	000 000 001 001 001	000000000000000000000000000000000000000
Species fish present	Rb Ct, Rb Rb SS, Rb, Ct Ct	유 유 유 유 유
Temper- ature Food degrees condition F.	good nedium n	poor " "
Acre-	16 82 40 240 5	30 30 30
Name of lake	Gleason Lake Twin Lakes (2) Blodgett Lake Big Gr. Lakes S. Fk. Lolo Lake	Duffy Lake Holloway Lake One Horse Lakes (3) Carleton Lakes (2)



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended Table 5a.



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.

Name of stream Cedar Cr. Fire Cr. Eittle Bear Cr. Little Bear Cr. Little Bear Cr. Lattle Bear Cr. Lattle Cr. Sawpit Cr. Sawpit Cr. Sawpit Cr. Sawpit Cr. Sawpit Cr. Bartina Cr. Coliver Cr. Canc Cr. Becher Cr. Burnt Fork Cr. Soldier Cr. Eittle Blue Cr. Little Blue Cr. Little Blue Cr. Little Marion Cr. Soldier Cr. Big Blue Cr. Little Marion Cr. Little Comick Cr. Kennedy Cr. Rocormick Cr. Kennedy Cr. Butler Cr. Stony Cr.
--



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.

Name of stream doman Cr. Edith Cr. Bear Cr. Lion Gulch Cottonwood Gulch Slackcat Gulch Fournier Cr. O'Keefe Cr. N. Fk. O'Keefe Cr. LaValle Cr. Butler Cr. Grant Cr. Frazer Cr. Spring Gulch Frazer Cr. High Falls Cr. High Falls Cr. Trangle Cr. E. Fk. Rattlesnake Cr. Beeskove Cr. Filcher Cr. Beeskove Cr. Filcher Cr. E. Fk. Grant Cr. Beeskove Cr. Filcher Cr. E. Fk. Grant Cr. Beeskove Cr. Filcher Cr. E. Fk. Grant Cr. Beeskove Cr. Filcher Cr. E. Fk. Rattlesnake Cr. Trangle Cr.	Length miles miles with 10 10 10 10 10 10 10 10 10 10 10 10 10	Goes T dry sm x x x (lower	s s s s s s s s s s s s s s s s s s s	Follu-S	Steep and rocky x x x x x x x	Needs investigation x	Closed after July 6, used for irrigation Sinks on lower end -closed after July 6, used for irrigation Sinks on lower end -closed after July 6, used for irrigation Closed after July 6 " " " " " " " Upper 19 miles closed for city water supply; lower 4 miles fluctuating water level Closed - adequately stocked " " " " " " " " " " " " " " " " " " "
Mitouer Gulch Turah Cr. Kendall Cr. Donovan Cr.	t t m m t	×××	×		×	×	



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.

son for not planting		gation		Used for irrigation		Closed to fishing										Sinks on lower end			Adequately sto	===								ked - sinks below fo	11 11 11					
Reason		inve					tilligiar books (· · · · · · · · · · · · · · · · · · ·			** ***			×	×							4, 0							
	Steep and	rocky	an ris maken bay kayrins				×	×		×								pr springer							aparento de la constanta de la	of the same								
	Pollu-	tion			Marrie d'Arbe														Agradia di A							de d-1				Procedure Greekaa		and the second	B+44 4	
		small		ton & 40°		×	×	×	×	×															×	×				×			×	×
		dry	×	×	×				B-4/% 44B-48B	ur aku ur	××	<u>ا</u>	×	× —	×		×	×			×	×	×	×			×	n	r combre direc	antropo - o	×	×		
Length	i	miles	m	1	m	~	~	4	9	~	<i>m</i> c	7 1	Λ.	7	7	2	~	~	€0	9	CV	m	N	N	Μ	<u></u>	~	7	20	9	CV	3	<u></u>	7
	Name of stream		Dirty Ike Cr.	Wallace Cr.	Starvation Cr.	Schwartz Cr.	W. Fk. Schwartz Cr.	Mid. Fk. Schwartz Cr.	Greenough Cr.	Allen Gulch	Crystal Cr.	Deal daren	Deer Cr.	Wartin Gulch	Sherman Gulch	Deep Cr.	Bear Gulch	Elderberry Gulch	Rock Cr.	Albert Cr.	Tank Cr.	Madison Gulch	Spring Gulch	Tucker Gulch	Printers Cr.	Bill Cr.	Mike Cr.	E. Fk. Petty Cr.	S. Fk. Petty Cr.	W. Fk. Petty Cr.	Garden Cr.	Johns Cr.	Gus Cr.	Ed's Cr.



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.

Reservoir Cr. Sawmill Gulch Wall Canyon Gr. Deer Gr. Lion Gr. Wig Cr. Hyde Gr. Lupine Gr. Criole Gr. White Gr. Thompson Gr. Surveyor Gr. Thompson Gr. Surveyor Gr. Irish Gr. Irish Gr. Wortana Gr. Straight Gr. Indian Gr. Straight Gr. Gedar Log Gr. Indian Gr. Straight Gr. Grater Gr. Sreaight Gr. Sreaight Gr. Grater Gr. Sreaight Gr. Grater Gr. Sreaight Gr. Fletcher Gulch Fletcher Gulch French Gr.	n N N N N N N N N N N N N N N N N N N N	ig had a second and a second an	TITE XXXXXXX XXX XXX X X XXXXX	tion	x x x x x x x x x x x x x x x x x x x	investigation	Inaccessible Adequately stocked with small Ct " " - inaccessible " " with small Ct " " with small Ct
Blacktail Cr. Whitehorse Gulch	22		××				
Winkler Gulch	21	Additional Park I Made on	×	erene i en dec		Management of the second provider of the	
いった。	77	et vo. s					



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.

	Langth					Roscon for	***************************************
(TIN STITE	-	-			4	TOI TION DIGITALING
Name of stream	ri	Goes		Pollu-	llu- Steep and	Needs	
	miles	dry	small	tion	rocky	investigation	Other
McGinty Gulch	N		×				
Hells Thicket Cr.	2		×				
Quartz Cr.	~		×				Wining operations
McFarland Cr.	~			×			= :
Sand Gulch	<u>~</u>	×	materials -ou				
Weaver Gulch	2		×				
Meadow Cr.	9		×				dead on the state of the state
Bear Cr.	<u></u>		×				
Smith Gulch	rl	1 40 4	×				
Sunrise Cr.	~						=======================================
Verde Cr.	7		×				
Cement Gulch	~	×					
Hidden Cr.			×				
Lake Cr.	~		×		×		
Hoodoo Cr.	2		K		×		
Trapper Cr.	~		×				
Trail Cr.	2	toga carad	×				
Prospect Gulch	2	×					
Deep Cr.	~	-					Placer mining
Lime Gulch	~-1	×)
Tincup Cr.	N		×				
Vaness Cr.	~				X		
Uphan Cr.	~		×				
Bear Gulch	3	×					
China Gulch	<u></u>	×					
Illinois Gulch		×		englandi da			
Mary Ann Gulch	rl	×					
Rabbit Cr.	~		×				
Oregon Gulch	6			×			Wining operations
Twin Cr.		X		v v vodě, anbe			
Grubstake Gulch	~ <u></u>	×					
Missoula Gulch	2	×					
The state of the s							



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.

planting		Uther																	=									=======================================		E					The second secon
for not		u				*					hangia rilgan saranga							Closed	=									=	w kapen miles	=					
Reason f	Needs	investigation																																	医皮肤蛋白蛋白 医骨术 一次多次的 化邻苯甲酚医多甲酚 医邻苯丙二二二酚环甲二二四三甲酚
	St	rocky		u-rhi do en ndo					re visco roman			e respiriment	- 5-	orkens on		-man-vilver	opologica superior s		ngo raman da n		money many		nanga nadan s					4.1		pan an harra	a agranda Adino	e nell neglenghengheng		po effectivo de con	70
	144	nolo																																	,有 理察 西荷荷二 而 不 回报 缝 链 电电 医耳 电正电压 经工作 医闭
		Small		×	×	1	×	×	4	>	4		×	· Promise		×	×	nd ob con	-	×	×	×	×	×	×	×	×		×		×	×	×	×	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		ary	×		na válja fordi	×			×		×	×	*	X	×											****		week queep and a	nga manana atau a	de lamps de lamp		der ger in winder			
Length	in	Satim	-	~	7	- ~	~	. cc) (V	^	. ⊢	m	9	2	2	3	~	∞	2	~	~	~	~	~		~	N	m		2	_	-	\sim	2	
	Name of stream		Wink Gr.	Lost Cr.	Thompson Cr.	p-my		Fourth of Ind Cr.	Gulch		Line Gulch	Marble Cr.	Cold Cr.	Brown Gulch	Hendritson Gulch	Jordan Cr.	Sunset Cr.	Two Mile Cr.	Ward Cr.	Fisher Cr.	Newman Cr.	Gold Cr.	Cedar Cr.	Unnamed Cr.	Canyon Cr.	Moon Cr.	Little Ninemile Cr.	Henderson Cr.	Mayo Cr.	Deer Cr.	Upup Cr.	Cromie Cr.	Rivers Cr.	W. Fk. Mid. Fk. Big Cr.	



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.

	Length					d	for not planting
Name of stream	in	Goes		Pollu-	Steep and	Needs	
	miles	dry	small	tion	rocky	investigation	Other
177 = 17 = 13 O.							
Wishard or.			×				
Gilt Edge Cr.	~		×				
Spruce Cr.			×				
Storm Cr.	rl		×				
Big Sunday Cr.	2		×				
Burke Cr.	~		×				
Dominion Cr.	7						Closed to fishing - adequately stocked with
							DD CE
Rainy Cr.	3		×				Adequately stocked with Eb
Hilda Cr.	-		×				
Dennimore Cr.	2						Closed to fishing - stocked with Eb
Hanaker Cr.	2						Adequately stocked with Eb
Copper Gulch	~	×					
Borax Cr.			×				
Hahn Cr.			×				
Brimstone Cr.	3						= = = =
Randolph Cr.	-						11 11 11
	 † c		-				
racker or.	٧						No prancing in main seream - pranc orion-
							carles out,
McManus Cr.	2						Closed to fishing - stocked with Eb
Cruzane Gulch	2		×				
Timber Cr.	7						
E. Fk. Timber Cr.	<u></u>						= = = = = = = = = = = = = = = = = = = =
Savenac Cr.	9						Adequately stocked with Eb
Cook Cr.	2		×				
W. Fk. Twin Cr.	2	-					= ==
E. Fk. Twin Cr.	7						Closed to fishing - adequately stocked
Mid. Fk. Rock Cr.	ω.		×				
W. Fk. Rock Cr.	7		×				
Mineral Mt. Cr.	<u></u>		×				
Trapper Cabin Cr.	77		×				
Blackburn Cr.	~~		×				
	1				70		the second of th



Streams in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 5a.



Streams in the Blackfoot River drainage from its mouth to and including the Clearwater drainage in which no planting is recommended Table 5b.

not planting	1	Other	Inaccessible - closed after July 6	Closed to fishing	Stocked in 1941	" " - closed to fishing)	Closed to fishing - adequately stocked												Irrigation			Hard to plant										11 11		The state of the s
Reason for		investigation	×									gur garrigada 1					- Tabasan ya	man description										and grande			Allermondy at any				
	Pollu- Steep and	rocky		×		- 100 c				- Production	The state of the s				to good o	F Sphinos	Basin anggan annya	- AND - O		and the second			energy who are de-							ermonik 🗣 un		manufacture — se		in some a	100
	Pollu-	tion																					The State of			and resigned								deck Sh. Sh. S	
	Too	small		×			×			×		er o and copies on a	gang admission	×	×	×	×	×	×		×	×	×	×	×	×	×	×	×	×	×	×		×	
	Goes	dry			a er a des igliquita s aqua							X	×	1	. anderson					-0110 000	nongila unor		-		Market and	alle alleghap Barri	er-er-pile eg.e	+	.	9 mind 45th ur-	or trivia				
Length	- ui	miles	20	CZ	7	5	~	댇	9	2	9	2	T/	2	7	~	~~	m	<u>m</u>	9	m	2	4	~	77	5	†	m 	~	~	~	2	2	<u>m</u>	
	Name of stream		Johnson Cr.	0,2	W. Twin Cr.		Cow Cr.	Belmont Gr.	Blanchard Cr.	Cold Brook Cr.	N. Fk. Blanchard Cr.	Lost Horse Cr.	Lost Prairie Cr.	OWL Cr.	Finley Cr.	Horn Cr.	buck Cr.	Grouse Cr.	Archibald Cr.	N. Fk. Placid Cr.	Favm Cr.	Sheep Cr.	Uhler Cr.	Bertha Cr.	Richmond Cr.	Camp Cr.	Inez Cr.	Murphy Cr.	Benedict Cr.	Sawyer Cr.	Rice Cr.	Auggie Cr.	Blind Canyon Cr.	Mountain Cr.	



Streams in the Blackfoot River drainage from its mouth to and including the Clearwater drainage in which no planting is recommended (cont.) Table 5b.

		1					
	Length					Reason for	Reason for not planting
Name of stream	-E	Goes	Too	Pollu-	Pollu- Steep and	Needs	
	miles	dry	small	tion	rocky	rocky investigation	Other
Drew Cr.	~		×				
Elk Cr.	77			nardir i Shirmiyana			Used for irrigation
Cap Wallace Cr.	<u></u>	×					
N. FK. Elk Cr.	7		×			alayer v dia Seri	
Deer Cr.	~		×	.,			
Stinkingwater Cr.	m	na tindilana	×			relacionale est	
Union Cr.	∞					and Mineral	
Washoe Cr.	ಣ		×	dermoder to	and the second		
Camas Cr.	9	See 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	a anoth u	-		Orr Orr Orr
Ashbey Cr.	7		d samelir error	gage for a			417 A11
Arkansas Cr.	7		×	m) - da- April			
Game Cr.	77		×				
Bear Cr.	2		×	.,			



Table 5c. Streams in the Bitterroot drainage in which no planting is recommended

TO X X
× ;
-



Table 5c. Streams in the Bitterroot drainage in which no planting is recommended (cont.)

554-505-	3077	Other	f - roily - no	The same of the sa
Reserve for	1000	Needs inves- tigation		Topic of the second second second second
		Steep and rocky		00
		rollu-		
	E	roo	XXXX X XXXXXX XXXXXX	
		dry	****** ** ***	
Tenath	1001	ni niles		
		Name of Stream	Stuart Gr. Calf Gr. Chief Battle Cr. St. Clair Cr. Newton Gulch Brennan Gr. Coffee Gulch Gucartney Gr. Tenderfoot Gulch Dan Cr. Hog Trough Gr. Hog Trough Gr. Bear Gr. Bear Gr. S. Fk. Sleeping Child Gr. Harlan Gr. Jittle Sleeping Child Gr. Harlan Gr. Stella Gr. Burke Gulch Mike Gr. Stella Gr. Stella Gr. Jerry's Gulch Nike Gr. Stella Gr. Stella Gr. Jerrye Gulch Wike Gulch Burke Gulch Weitesalt Gr. Spring Gulch Whitesalt Gr. Robbins Gulch Wedicine Tree Gr. Elk Gulch	



Streams in the Bitterroot drainage in which no planting is recommended (cont.) Table 5c.

	r not planting		Other	All used for irrigation lower end -		
- 1	Meason for	Follu- Steep and Needs inves-	tigation			
		Steep and	rocky		×	-7-
		Follu-	tion			
			small	×	*** ** ** ***** * ***	
-		Goes	dry	anadar	××	
	Length	in	miles	77	WWANNUMPHPNMNHTNNNNNATWW	
And the state of t		Name of stream		Spring Gulch Cameron Cr.	Sula Cr. Doran Gr. Hart Cr. Lyman Gr. Badger Gulch Guide Gr. Jennings Camp Cr. Bertie Lord Gr. Tepee Gr. Paint Cr. Cuba Cr. Sign Cr. Reynolds Cr. Moss Gr. Needles Cr. Alpine Cr. Cub Gr. Star Gr. Alpine Cr. Carmine Cr. Carmine Cr. Hope Gr. Star Gr. Bush Cr. Star Gr. Star Gr. Star Gr. Star Gr. Bugle Gr. Springer Cr. Wink Gr. Bugle Gr. Stone Gr.	



Streams in the Bitterroot drainage in which no planting is recommended (cont.) Table 5c.

for not planting	0.0	Other			Hard to plant			Adequately stocked with Eb														Hard to plant							Logged off - much erosion					Too hard to plant		The state of the s
Reason f	Steep and Needs inves-	tigation																																		
	Steep and	rocky		a talka ra	- 100 - 1000		×													fred non-arter	an of name															-32
	Pollu-	tion																																		
	To	small	×	×		×			×	×	×	×	×	×	×	×	×	×	×	×	×	devices on	×	×	×	×	×	×	×	×	×	×	×		×	
	-	dry	****							un de supra			- agendaries v			a di sebanyan	and the same of	n olad - dong dark	navar da untr		a designational des		-					arda (majorito)		-						
Length	i	miles	~	77	7	47	2	6	m	7	~	77	N	77		2	_		~	77	~	~	m	<i>r</i> -1	~	2	~	_	9	N	CS.	N	m	T	5	
	Name of stream		Wallace Cr.	Lick Cr.	Clifford Cr.	Buck Cr.	Swift Cr.	Camp Cr.	E. Fk. Camp Cr.	W. Fk. Camp Cr.	Waugh Cr.	Praine Cr.	Andrews Cr.	Maynard Cr.	Planet Cr.	Lupine Cr.	Fire Cr.	Sheepshead Cr.	Hart Cr.	Porcupine Cr.	Frayer Cr.	Wiles Cr.	Fault Cr.	West Cr.	North Cr.	Base Cr.	Crazy Cr.	Tumble Or.	Laird Cr.	Moon Cr.	S. Fk. Laird Cr.	Gilbert Cr.	Dickson Cr.	Piquet Cr.	E. Fk. Piquet Cr.	



Streams in the Bitterroot drainage in which no planting is recommended (cont.) Table 5c.

Name of stream Motch Cr. Beavertail Cr. Buck Cr. Rombo Cr. Little Cr. Little Boulder Cr. Slate Cr. Connor Cr. Connor Cr. Faraight Cr. Famett Cr. Funct Cr. Gurandal Cr. Chrandal Cr.	Length in in in 22 to 22 to 23 to 23 to 24 to 25	Goes dry si	Small Tool X X X X X X X X X X X X X X X X X X	tion tion	Steep and rocky	Reason Needs inves tigation	for not planting Other Hard to plant Inaccessible - naturally stocked Creek blocked off by mining operations Hard to plant
Johnson Cr. Sheep Cr. Woods Cr. Coal Cr. Elittle Blue Joint Cr. Jack the Ripper Cr. Took Cr. Watchtower Cr. Little West Fork Soda Springs Cr. Nelson Cr. Swanp Cr. Lavene Cr.	222 × 40 × 40 × 60 × 40 × 60 × 40 × 60 × 60		* ***				" " " Inaccessible Adequately stocked Hard to plant Adequately stocked Inaccessible



Streams in the Bitterroot drainage in which no planting is recommended (cont.) Table 5c.

r not planting	:	Other				Hard to plant	4	Used for irrigation							Hard to plant			Inaccessible	11			Used for irrigation	All used for irrigation lower end - upper	end adequately stocked	qo	op	άο	do	qo	do	do		qo	0 7	op	
Reason for	Needs inves-																																			
	Steep and Needs	rocky							ij en cojy stalla i	rengga a general		or spanner	g. Protessing	~~.		notes make sole	Ballinako norta	Specific Colleges	the reproduction						annangan de managan	T ON AMOUNT 1 OF										-3/-
	Pollu-	tion																																		
	Too	smal1	×	×	×				×	×	×			×		×	×		×	×	×															
	Goes	dry		· condition Primare		nd-10-01 4	×	-	×	-	-0-1-0-* 0 0 e	×	×	t man verste			majorat our strikke							*** *********************************		~~~~	balantar sellar-	dealt girmanbillere	milioneninalised	la variable					designation of	-
Length	T.	miles	~	7	· ~	10,	77	20	2	m	+	9	7	~	20	100	_	10	9	~	9	2	16	adir yaqa ayalik	18	10	50	13	16	01	72	5	16	9	17	
	Name of stream		Christesen Cr.	Baker Cr.	Pierce Cr.	Trapper Cr.	Little Trapper Cr.	Chaffin Cr.	McCoy Cr.	Spoon Cr.	Little Tin Cup Cr.	Shadoon Gulch	Eunkhouse Cr.	Wadell Cr.	Rock Cr.	Little Rock Cr.	Capitan Cr.	S. Fk. Lost Horse Cr.	N. Fk. Lost Horse Cr.	Moose Cr.	Hayes Cr.	Eard Cr.	Roaring Lion Cr.		Sawtooth Cr.	Canyon Cr.	Blodgett Cr.	Mill Cr.	Sheafman Cr.	Gash Cr.	Sweathouse Cr.	Judd Cr.	Big Cr.	S. Fk. Big Cr.		



Streams in the Bitterroot drainage in which no planting is recommended (cont.) Table 5c.

Mama of stream	Length	0	C C	Polli	0+00 H 0 S S S S S S S S S S S S S S S S S	Reason f	for not planting
Name of stream	4	2068	007	-nTTOJ	preep and	steep and Needs inves-	
	miles	dry	small	tion	rocky	tigation	Other
Bass Cr.	77			g man w floride 1945 offe			411 used for irrigation lower end - unner
			the comments of	ederetti repre			adequately stocked
N. Fk. Sweeney Cr.	5						
Onehorse Cr.	70		r o god name				ďο
Smith Cr.	7		×	TO STATE OF THE PARTY OF THE PA			
Beaver Cr.	CV	igas est displaces	×	4			
St. Marys Cr.	N		×				
McCalla Cr.	9	×	- e dephine	er v remigrali u			Used for irrigation
Silverhorn Cr.	5	en dikket no	×	-			
Sharrott Cr.	5		×			-	
Larry Cr.	7	Mark I mark	×	width to or		dw - 11 - 11	
Sweeney Cr.	9	majoris Paris (d.	-				11 11
S. Fk. Sweeney Cr.	~		×	aut II., Sugar			
Carlton Cr.	, w		×	Transit &		or shown	11
McClean Cr.	~~	Bert veit alge	×			-16-3 7-9-1	
Mormon Cr.	9		×				
John Cr.	~	e electrony	×				
Tevis Cr.	3		×	0 0 A 64 W			
Nig Cr.	~~	eter digit separan	×	er olge ir denlare i			
S. Fk. Lolo Gr.	77		Private data and				Adequately stocked with Eb
Cedar Cr.	~		×				
Lantern Cr.	~	h-10-16-1	×				
Middle Cr.	<u></u>		×				
Falls Cr.	N.		×	-			
Weadow Cr.	_	elene en denten	×				
Anderson Cr.	~		×				
Dick Cr.	2		e keringsalas samu				Inaccessible
Johnny Cr.	7	n ethetathionege		*******			==
W. Fk. Butte Cr.	9						Adequately stocked with Eb
	7	refilett Alemania	×				4
Martin Cr.	~		×	and orbody			
Sally Cr.	(1)		×				
Hungry Cr.	m		×				
				1	-35-	=	and the second s



Streams in the Bitterroot drainage in which no planting is recommended (cont.) Table 5c.

	Length					Reason fo	Reason for not planting
Name of stream	in		Too	Pollu-	Steep and	Goes Too Pollu-Steep and Weeds inves-	
	miles	dry	dry small	tion	rocky	tigation	Other
Clark Cr.	2		×		e generalijk to o		
Sheldon Cr.	2		×		and the factor of the factor o		
Smith Cr.			×				
Camp Cr.	7	×			artiste for first		
Woodman Cr.	7	×	-				
Westerman Cr.	3	×					
Sleeman Cr.	9	×			to englige op		
W. Fk. Sleeman Cr.	~	×					
Deadman Gulch	~	×					
Hayes Cr.	2	×					
Obrien Cr.	174				- N-		Adequately stocked - closed to fishing after
	÷		***	de agre	Min		July 6



Lakes in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended Table 6a.

	ng		Other		Thaccessible	Adequately stocked		- Control of the Cont	den- guin dum	de d	Green Control of Contr	Inaccessible	Overstocked		gan- gan-				Inaccessible	=	Stocked in 1941	Sinks Sinks Sinks	=	11 1939	d	Inaccessible	Naturally stocked			Reservoir	Overstocked		kaequately stocked		Inaccessible
		Meeds inves-	tigation																		×	×	×	×	×			×		×		×			
G	neason IC	Inadequate Needs	food											×		×	×	×																	
		Too	shallow	×																						×			×					×	
der et sommen de des es mesterale et societat des mesterales de des missions de des missions de la company et de la company de l		-	warm fish present		rika da sam-ai	-											-		- May	No reference							maint com g	endreliver (er	for element or de-						
	E	T.00	warm					eren de mende						desire	e-mar-viruleri			en e																	
000000	Setter	íish	present	none	=	Ct	Ct	Ct	Rb	Rb	Rb	none	Rb	Ct	Ct	Ct	none	bas e e	groce Sanda	=	Ct	Ct	Ct, Rb	Ct, Rb	SS	none	Ct	Chum salmon	none	٥٠	ED	Ct, Rb, Eb	श ्च	none	=
		hcre-	age	₩	∞	15	12	77	17	∞	17	10	임	38	20	18	45	∞	9	10	100	07		50	50	2	20	∞	∞	10	\0	9	2	2	r();
	C C	Name of Lake		Beeskove Lake	Heart Lake	Hamilton Lake	Lower Lake	Twin Lakes (2)	WcKinley Lake	Roosevelt Lake	Carter Lake	Vorden Lake	Sheridan Lake	Big Lake	Glacier Lake	Little Lake	Saunders Lake	Bull Lake	"I. Fk. Gold Lake	Fly Lake	Boulder Lake	Schley Lake	Verdant Lake	Lower Siamese Lake	Spirit Lake	Straight Lake	Crater Lake	French Lake	Hidden Lake	Deep Cr. Lake	Lost Lake	Hidden Lake	Diamond Lake	Newman Lake	Mary Lake



Lakes in the Clark Fork River drainage between the mouth of Rock Creek and the mouth of the Flathead River in which no planting is recommended (cont.) Table 6a.

	~60 x x =60	Species			Reason fo	Reason for not planting	ಕು೧
Name of lake	Acre-	fish	Too Uncesirable Too Inadequate Needs inves-	Too	Inadequate	Needs inves-	
	age	present	warm fish present shallow	shallow	food	tigation	Other
Clear Lake	7	QE C					Adequately stocked
Gold Lake	-	٥٠		×			
2 unnamed lakes,	7	none	anggalanine sakk	×	n, damperon		
head of Deer Cr.	andrea to a						
Rudie Lake	~	연표					" with Eb
Diamond Lake	2	c.				×	



Lakes in the Blackfoot River drainage from its mouth to and including the Clearwater drainage in which no planting is recommended Table 6b.

		Species	and the standard and supplementations are supplementations and the supplementations are supplementations to the supplementation of the supplementations are supplementations and the supplementations are supplementations and the supplementations are supplementati	er open en mellen var der mellem eine der seine eine der seine eine eine eine eine eine eine ein	Reason for	Reason for not planting	S. S.
Name of lake	HCre-		Too Undesirable	Too	Inadequate Needs inves-	Veeds inves-	
	age	present	warm fish present shallow	shallow	food	tigation	Other
						mygamm gilip nama tambi da di A da America e energe en malan	m nipeling i interpretation in the contraction of t
Blanchard Lake	30	30 Ct, Rb, SS,	×				
		Perch, DV,					
		Bass, S,			Andrew State		
		Squaw	and the second				
Elbow Lake	07	Ct, Rb, S,	×				
		Ferch, DV,					
		Squam, Bass					
Salmon Lake	800	Ct, Rb, Wf,	×				
		DV, Squaw, S,		- Audinore almos			
		Perch, Bass		and prilitary			
Spook Lake		none		×			
Tupper Lake	₩	Rb		Applica Toronto		×	Stocked in 1947
Lake Dinah	15	Rb	· No voc de s	- made subsected		×	2 2
Summit Lake		Ct, Rb, Wf,	-				Stocked from main drainage
		S, Bass,			T man an)
		Perch		union of			
Clearwater Lake	35	35 Ct, DV		pages of the fact			Almost inaccessible



Table 6c. Lakes in the Bitterroot River drainage in which no planting is recommended

		Species				Reason fo	for not planting	18	
Name of lake	Acre-	Taple on about a con-	Too Un	Undesirable	_	Inadequate Needs	Needs inves-		
	200	present	warm fi	fish present	shallow	food	tigation	Other	
Burnt Fork Lake	09	Rb, SS						Adequately stocked	
Little Burnt Fork Lake	2	none	ngan jaran naggar				×	3	
Neaves or Willow Lake	€	Gr			×				
Foolhen or Willow Lake	6	Rb						Adequately stocked	
Bear Trap Lake	~	none			×			,	
Dam Cr. Lake	20	=	e e elemento de				×		
Crooked Cr. Lake	5				×				
Jerry Lake	~	=			×			Sand Sand Sand Sand	
Fish Lake	4	Ç		and the second				" at	present
Legend Lake	~	ct	glande i sala					Garde Grand	
Spur Lake	~	Çţ		and to				61 80 61 80	=
Snow Lake	2	Ct	na vska provincija se	_ make at a	n - mingle di	00 1 gr - 40 1		000 000 000	ton ton
Shadow Lake	7	t			pp. on day	Mayoritado ed	×	Stocked in 1941	
Unnamed lake above	3	none					×		
Shadow Lake			# mpm		nelle sor ma un	de transfere - de			
Ripple Lake	Ó	Çt		- American			×	direction of the state of the s	
Kelley Lake	7	none		- Annahul Pa	,	West of Albert	×		
Hidden Lake	M	Rb	her Frinder glannam	- 1961				Adequately stocked	
Hope Lake	75	¢.			******	mage man	×	Inaccessible	
Buck Lake	8	c.			beginner i versige o		×	olio cue	
Carmine Lake	M	ç.					×	top top	
Capri Lake	5	c.	**************************************			read - subfloods	×		
Shelf Lake	12	Sch				to planete and		Overstocked	
Fass Lake	4	٠.						•	
Figuet Lake	2								
Slate Lake	9	none			×			Inaccessible	
Square Lake - sec. 25,	2	0-1 0-2					×	640 640	
			al arriving						
Watchtower Lake - sec.	10	900 800				ole compa	×	640	
8, T. 1 N., R. 23 E.		****							
Little W. Fk. Lake -	2	=			- manuficiti	hadi salgan nga	×	=	
sec. 16, T. 1 N.,						a lab recent on evan			
3								The second secon	



Table 6c. Lakes in the Bitterroot River drainage in which no planting is recommended (cont.)

						ì	-	
		setpede				deason lor	r not pranting	50
Name of lake	Acre-	fish	100	irable	F00	Inadequate Needs	Needs inves-	
	age	present	warm	fish present	shallow	food	tigation	Other
Sode I aprima elos	7	2	s a decident transport		entagenes in replacement		ė, V	(((((((((((((((((((
Lahe.	-		0- 44 days			nganggan saku saku saku saku saku saku saku saku	4	HIGGGGSTDIG
R. 23 W.			to the day	***	т под т			
\sim	7	t	- 100		4	ggin agamhlan 🕶	×	
sec. 31, T. 2 N.,					eductions a ser			
Blue Toint Take	ч	ŧ		and an approximation of the control	S-Inc. mager			() () () () () () () () () ()
Moleculare	20	3 t	1 -0 -10-100		200	ange Ball-re		Acequately stocked
Bonlder Lake	 	3 5			alary Ar do -0 et	de de despesarence		Overstocked Adecijately stocked
Dollar Lake	1 10	Ct		n sa dige de		graph and the second se		7) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Crystal Lake	150	Ct	a a glavara e skos			at a patrici		And And
Turbid Lake	12	Ct			907 sapernake	er val r		gra- gra-
Baker Lake	00	ct		gazzakonia. Y	TO STATE OF THE ST			grav dan
Chaffin Lake	26	Ct				tor — Villian		gan gan
Tin Cup Lake	128	Ct	****	to Analysis	well role wire			Overstocked
Gem Lake	<u>ω</u>	さ	0 1 de casa					Adequately stocked
Kerlee Lake	37	Ct	and a reduce of	g dering				=======================================
Goat Lake	2	none				The Page		Inaccessible
Lake Como	906	Ct, Rb,		00-1				Irrigation reservoir
		Eb,		-	eli rendi circo	s riveries		
		Sockeye, Feamouth			für v mydnamliger i i			
Little Rock Cr. Lake	20	none					×	
Elk Lake	20	Ct				er on debt		Adequately stocked
Lake Capitan	15	none			a, v msčnaa	apinum min	×	Inaccessible
Lost Horse Lake	67	Ct			-	-		Adequately stocked
Unnamed lake above	10	Rb	-		ements produced	a djengera o	×	Stocked but results unknown
Lost Horse Lake								
Fish Lake	51	Rb			Migration 10	4		Adequately stocked at present
Bailey Lake	1.5	Ct, Rb	- Marie - P.			Brearing of B		77.3
Twelvemile Lake	10	none			t to when	re-enth-dp-ent	×	Inaccessible
Tennile Lake	20	direct gare			Que-e +		×	Que de la constante de la cons
Camas Lakes (2)	20	Ct, Rb			all products and and			Adequately stocked
					-17-			



Table 6c. Lakes in the Bitterroot River drainage in which no planting is recommended (cont.)

\$ C.		Other		Adequately stocked		-	=	=======================================	Hard to plant	6 CT	Adequately stocked		Inaccessible		Adequately stocked	Grand States	dere den	der der	der	Grand States	Inaccessible		Adequately stocked	000 000	Quarter Green	Garan diam	Ster Ster Ster Ster Ster Ster Ster Ster	den de			Inaccessible
for not, nlanting	1	ccl	,	⊀	×	×	A	12 44 April 1	kollik och digd		W 1880 4 .			·	ga vazgar nag	v villense av		r spojet spino		10 Table	onesian er v	×				and the same of th		i allakanna a	×	alago no v v	
Heason f	11			daller skiller daller	den i nalijensk	namento a Salain					-				ar a facus	a maior age		*****	****	and golden					-140					ortundo a	
	Too	shallow															As of														
	Toc Undesirable	n fish present	4 101.4)	(04/1)																											
Species		1t	3h (stocked 1016)	Rb Second	none	god Like	Rb	Ç	none	Ct	Ct	Rb, SS	none	en up ar photos Godo Godo	Ct	t	Rb	Rb	Rb	ct	none	One Service	Ct	Rb	Rb	Rb	Rb, Ct, LL		none		One of
	Acre-	age	24	36	15	10	2	077	25	12	10	1.5		30	17	20	2	10	00	97	3	10	12	09	15	15	700	2	10	Totales or 1	3
	Name of lake		Canton Lakes (3)	High Lake	Lomo Lake	Sears Lake	Tag Alder Lake	Will Lake	Lockwood Lake	Hauff Lake	Sheafman Lakes (2)	Fred Burr Lake	Smith Lake	Two Lakes (2)	Bryan Lake	Bear Lake	Glen Lake	Hidden Lake	Pearl Lake	S. Fork Lake	St. Mary Lake	Sharrot Cr. Lakes	McCalla Cr. Lakes (3)	S. Kootenai Lake	Middle Kootenai Lake	N. Kootenai Lake	Bass Lake		S. Fk. Sweeney Lakes	(4)	S. Fork Lakes



Table 7. Species of fishes and their distribution in the main streams and lakes in the Hamilton Hatchery district

				Sj	pe c	Les	of	fis	sh			
River or lake	Cutthroat	Rainbow	Eastern brook	Loch Leven	Grayling	Whitefish	Silver salmon	Dolly Varden	Suckers	Squawfish	Bass	Perch
Rivers												
Clark Fork	x	x	х	x		×		x	x	x	x	
St. Regis	Х	Х	X	,		х		X	X			
Blackfoot	x	x	х			х		x	x	X		j
Clearwater	X	X	X	,.		X	!	X	х		X	X
Bitterroot	X	X	X			X		X	, X	X		
Lakes						of en v or a designation of the same of th		manufacture from the contraction of the contraction				
Heart				ж								
Oregon Lakes (2)			х									
Placid	X	X			X				X	, X	X	X
Seeley Eurnt Fork	X	X	X		! !	X		X	X	X	X	X
Painted Rocks	x	X X	Y				X	x	Х	X	****	
Big Cr. Lakes	X	X	X				х			22		
Bass	X	х		X				4				
Native species	x					x		x	x	х		
Introduced species		x	x	x	х		x	district district country			х	X



Table 8. Mileage of streams and acreage of lakes in the Hamilton Hatchery district

	Recommended	for planting	Not recommende	ed for planting
	Wileage entire	Mileage inside	Mileage entire	Mileage inside
Streams	hatchery	national forest	hatchery	national forest
	district	boundary	district	boundary*
3 main rivers 83 major streams 549 minor streams		23 807	2,230	1,941
Grand total 635	**1,197	830	2,230	1,941

	Recommended	for planting	Not recommende	ed for planting
	Acreage entire	Acreage inside		Acreage inside
Lakes	hatchery	national forest	hatchery	national forest
	district	boundary	district	boundary
37 126	4,876	3,376	3,834	2,956
Grand total 163	4,876	°3,376	3,834	°°2,956

^{*}See tables 5 and 6 for detailed reasons for not planting.

**Approximately 53 miles of total dry or unfit for fish life during midsummer.

035 lakes.

00122 lakes.



GENERAL INSTRUCTIONS FOR REPORTS

- 1. The hatchery foreman will enter the planting records currently on the copy of the plan retained for his files.
- 2. Extra copies of the planting tables will be furnished for reports to cooperating agencies.
- 3. Annually on November 15 one posted copy for the current year will be furnished to the following:
 - a. State Superintendent of Fisheries, Helena, Montana.
 - b. Regional Forester, Missoula, Montana.
 - c. All district rangers in the unit.
 - d. All other cooperating agencies.





